

CLAIMS

I/we claim:

- [c1] 1. A system for enabling a computer user to select from a plurality of service providers using a single high-speed data connection, the system being capable of connecting a computer device having a client application with a user-selected service provider, the system comprising:
- a distributed system network having at least one receiving router for receiving communication from the computer device; and
 - at least one tunnel server, each at least one tunnel server connecting the at least one receiving router with at least one transmitting router, the at least one transmitting router communicating with at least one service provider, wherein the computer user may select, using the client application, a service provider from a plurality of available service providers using a single high-speed data connection.
- [c2] 2. The system according to claim 1, wherein each service provider may be an internet service provider, an online service provider, or a corporate intranet service.
- [c3] 3. The system according to claim 1, wherein the client application presents a selection page listing the plurality of service providers.
- [c4] 4. The system according to claim 3, wherein the client application further comprises a registration service wherein the user may register for a service provider from the plurality of service providers.
- [c5] 5. The system according to claim 4, wherein registration and authentication for each service provider for which the user registers is populated to the distributed system network.

- [c6] 6. The system according to claim 5, wherein data communicating between the computer device and the receiving router occurs through a fixed wireless network.
- [c7] 7. The system of claim 5, wherein the registration, activation and authentication for each service provider occurs via a single data service.
- [c8] 8. The system according to claim 4, wherein registration occurs using an agent registration service.
- [c9] 9. The system of claim 8, wherein activation occurs using a fixed wireless node.
- [c10] 10. The system of claim 9, wherein authentication occurs in the distributed service network.
- [c11] 11. The system of claim 1, further comprising:
a virtual private network tunnel connection entry that is automatically configured for each service provider in a windows dial-up networking scenario.
- [c12] 12. The system of claim 1, wherein the client application provides a plurality of high-speed data related tools.
- [c13] 13. The system of claim 12, wherein the plurality of high-speed data related tools comprise at least one of a support tool, a diagnostics tool, an alert tool, an updating tool, an access tool, a service provider choice tool and a messaging tool.
- [c14] 14. The system of claim 13, wherein the user may select the service provider from a plurality of available service providers using a service provider selection tool.

[c15] 15. A system for controlling high-speed data communication for a computer device using a client application, the system comprising:

a distributed system network having at least one receiving router for receiving communication from the computer device; and

at least one tunnel server, each at least one tunnel server connecting the at least one receiving router with at least one transmitting router, the at least one transmitting router communicating with at least one service provider, wherein the computer user may select, using the client application, from a plurality of high-speed data control and access tools.

[c16] 16. A computer-readable medium for storing a client application to be installed on a computer device associated with a high-speed data network, the client application:

presenting a user of the computer device with a tools menu including tools for controlling and monitoring a high-speed data connection over the high-speed data network;

presenting the user with an option to choose a service provider session page; and

upon the user choosing the service provider session page, presenting the user with a plurality of service providers from which to choose.

[c17] 17. The computer-readable medium for storing a client application of claim 16, wherein the client application further comprises:

upon the user choosing a service provider from the service provider session page, connecting the computer device to the chosen service provider over the high-speed data network.

[c18] 18. The computer-readable medium for storing a client application of claim 16, wherein the tools for controlling and monitoring a high-speed data connection comprise at least one of a support tool, a diagnostic tool, an alert tool,

an update tool, an access tool, a service provider session tool and a message tool.

[c19] 19. The computer-readable medium for storing a client application of claim 18, wherein the tools for controlling and monitoring a high-speed data connection further comprise a member services tool.

[c20] 20. The computer-readable medium for storing a client application of claim 19, wherein the client application relates to a fixed wireless high-speed data network.

[c21] 21. A method of enabling a user to choose a service provider from a list of service providers, the method comprising:

presenting a list of service providers available for user registration;
for each service provider for which the user registers, storing login information associated with the user and each registered service provider;
upon subsequent user login, retrieving the stored login information for each registered service provider;
presenting a list of registered service providers to the user; and
upon the user choosing a service provider and clicking a connect button, connecting the user to the chosen service provider.

[c22] 22. The method of enabling a user to choose a service provider from a list of service providers according to claim 21, wherein the method is associated with a fixed wireless high-speed data environment.

[c23] 23. The method of enabling a user to choose a service provider from a list of service providers according to claim 22, wherein the method is initiated by a client application on a computer device.

[c24] 24. The method of enabling a user to choose a service provider from a list of service providers of claim 21, wherein presenting a list of service providers

available for user registration further comprises presenting the user with an option to register for other service providers.

[c25] 25. A method of enabling a computer user to choose a service provider from a list of service providers, the method comprising:
presenting the computer user with the list of service providers from which to choose; and
upon the user selecting a service provider from the list of service providers and clicking a connect button, establishing a connection between a computer device operated by the computer user and the selected service provider.

[c26] 26. The method of enabling a computer user to choose a service provider of claim 25, wherein the computer device is associated with a fixed provider from a fixed wireless network.

[c27] 27. The method of enabling a computer user to choose a service provider from a list of service providers of claim 26, wherein presenting the computer user with the list of service providers from which to choose further comprises presenting the computer user with an option to register for additional service providers.

[c28] 28. The method of enabling a computer user to choose a service provider from a list of service providers of claim 25, further comprising:
when the user selects a service provider from the list of service providers, pre-populating a name field and password field with stored information associated with the selected service provider.

[c29] 29. The method of enabling a computer user to choose a service provider from a list of service providers of claim 28, wherein establishing a connection between a computer device operated by the computer user and the

selected service provider further comprises establishing a point-to-point over Ethernet connection.

[c30] 30. The method of enabling a computer user to choose a service provider from a list of service providers of claim 25, wherein each service provider in the list of service providers may be an internet service provider, on-line service prouder or corporate intranet service.

[c31] 31. A method of enabling a user to connect to a chosen service provider from a fist of service providers, the method comprising:
displaying the list of service providers from which the user may choose;
and
in response to a single action being performed, connecting the user to the chosen service provider.

[c32] 32. The method of enabling a user to connect to of service providers of claim 31, further comprising:
a chosen service provider from a list in response to a single action by the user, displaying a list of registratable service providers for which the user may register and add service providers to the list of service providers from which the user may choose.

[c33] 33. The method of enabling a user to connect to a chosen service provider from a list of service providers of claim 32, wherein the method is associated with a fixed wireless high-speed data network.

[c34] 34. The method of enabling a user to connect to a chosen service provider from a list of service providers of claim 33, wherein each service provider may be one of an internet service provider, an online service provider, or a corporate intranet service.

[c35] 35. A system for enabling a computer user to select a service provider from a plurality of service providers using a single high-speed data connection, the system comprising:

presenting means for presenting a list of service providers available for user registration;

receiving means for receiving login information associated with the user and each registered service provider;

storing means for storing login information for each registered service provider; and

connecting means for connecting the user to the chosen service provider.

[c36] 36. A method of enabling a user to choose a service provider from a list of service providers, the method comprising:

inputting login information associated with the user and at least one service provider;

receiving a list of service providers available for user registration from a server computer; and

selecting a service provider from the list of service providers, wherein the server computer is adapted to facilitate connecting the user with the selected service provider.

[c37] 37. The method of claim 36 wherein the login information includes a user id and a password.

[c38] 38. The method of claim 36 wherein the connection between the user and the selected service provider is a fixed wireless connection.

[c39] 39. The method of claim 36 further comprising receiving a list of high-speed data related tools, the high-speed related tools including at least one of a support tool, a diagnostics tool, an alert tool, an updating tool, an access tool, and a messaging tool.

[c40] 40. The method of claim 36 further comprising receiving an indication of an option to register for other service providers.